

To the Co-chairs of the Legislative Council:

In accordance with the House Bill 2032 amending Act 711 the Arkansas Department of Emergency Management hereby reports the following activities of the Arkansas Earthquake Program as they relate to specific requirements of the bill:

A. Continued assessment from proper scientific authorities of the seismic risk to the State:

In 2010 and 2011 the Arkansas Department of Emergency Management maintained its relationship with the Arkansas Geological Survey through email and phone correspondence.

B. Training and education of state and local government officials, employees, and citizens of Arkansas regarding preparation and protective measures that can be taken before, during, and after an earthquake:

- February 17, 2011 – Earthquake Mitigation for Hospitals Workshop; Jonesboro AR
- April 16, 2011 – Earthquake Preparedness Expo, Conway, AR; workshop held at Ace Hardware in Conway, AR to promote earthquake awareness and to teach proper methods to decrease earthquake damage in homes.
- April 13, 2011 – Earthquake Preparedness Training; AR Department of Human Services Division of Developmental Disabilities
- April 29, 2011 – ATC 20 Class, Conway, AR; Training for post-disaster structural engineers
- May 16 – 20, 2011 – National Level Exercise; Participated in the full-scale National Level Exercise which simulated a M7.7 earthquake along the New Madrid Fault
- June 9, 2011 – ATC 20 Class, Mountain Home, AR; Training for post-disaster structural engineers
- July 29, 2011 – ATC 20 Class, Little Rock, AR; Training for post-disaster structural engineers

C. Planning coordination, guidance, and assistance to all state and local government officials in preparation for, response to, and recovery from earthquakes:

- In coordination with the Arkansas National Guard and Arkansas Department of Aeronautics, continued to coordinate the formation of the Arkansas Air Coordination Group as part of planning for catastrophic earthquakes in Arkansas
- January 20, 2011 – Governor's Earthquake Advisory Council Meeting, Little Rock, AR
- June 7-8, 2011 – Attended Federal Emergency Management Agency's Preparedness Workshop, Little Rock, AR
- July 20, 2011 – Governor's Earthquake Advisory Council Meeting, West Memphis, AR

D. Coordination of earthquake program activities with comparable agencies of the federal government and other states:

- December 2, 2010 – Attended Central United States Earthquake Consortium Earthquake Program Managers' Meeting in Nashville, TN
- Worked in conjunction with the Central United States Earthquake Consortium to promote the Great Central U.S. ShakeOut, drop, cover, and hold on drill which was held April 28, 2011
- October 7, 2011 – Supported the 2011 Annual Meeting of the Eastern Section Seismological Society of America which was held in Little Rock, AR
- November 29, 2011 – Central United States Earthquake Consortium Earthquake Program Managers' Meeting; Biloxi

E. The dissemination of information to the public pertaining to earthquake hazards, especially to Arkansans living near the New Madrid Fault, protective measures, seismic resistance in building construction, and appropriate actions to be taken before, during, and after an earthquake, and other matters the Arkansas Department of Emergency Management shall determine to be necessary or appropriate to educate, inform, and equip citizens in this state to deal with any earthquake:

- March 8, 2011 – Earthquake Awareness and Preparedness Presentation to Little Rock Cub Scout Troop
- March 28 – April 28, 2011 – Held Arkansas Earthquake Ready Poster and Video Contest for Arkansas students in grades 3-5 and 9-12
- April 16, 2011 – Earthquake Preparedness Expo in Conway, AR
- April 28, 2011 – Participated in the Great Central U.S. ShakeOut; drop, cover, and hold on drill
- July 2011 – December 2011 – Partnered with Radio Disney to run Earthquake Awareness and Preparedness Promotion as part of 1811 – 1812 New Madrid Bicentennial Commemoration
- September 2011 – Ran commercial public service announcement created using the video contest winners' video on KAIT channel 8 in Jonesboro
- September 28, 2011 – Earthquake Awareness and Preparedness Presentation to primary and secondary school counselors; Dawson Education Cooperative, Arkadelphia, AR
- September 29, 2011 – Earthquake Awareness and Preparedness Presentation to primary and secondary school counselors; Southwest Education Cooperative, Hope, AR
- September 30, 2011 – Earthquake Awareness and Preparedness Presentation to primary and secondary school counselors; Arch Ford Education Cooperative, AR Tech University, Russellville, AR
- October 4, 2011 – Earthquake Awareness and Preparedness Presentation to primary and secondary school counselors; AR River Education Cooperative, Pine Bluff, AR
- October 5, 2011 – Earthquake Awareness and Preparedness Presentation to primary and secondary school counselors; Great Rivers Education Cooperative, Helena-West Helena, AR
- October 6, 2011 – Earthquake Awareness and Preparedness Presentation to primary and secondary school counselors; Southeast Education Cooperative, Monticello, AR
- October 7, 2011 – Earthquake Awareness and Preparedness Presentation to primary and secondary school counselors; South Central Education Cooperative, Camden, AR
- October 13, 2011 – Earthquake Awareness and Preparedness Presentation to primary and secondary school counselors; Northeast Education Cooperative, Walnut Ridge, AR
- October 14, 2011 – Earthquake Awareness and Preparedness Presentation to primary and secondary school counselors; Crowley's Ridge Education Cooperative, Harrisburg, AR
- October 17, 2011 – Earthquake Awareness and Preparedness Presentation to primary and secondary school counselors; Mills Education Cooperative, Beebe, AR
- October 21, 2011 – Earthquake Awareness and Preparedness Presentation to primary and secondary school counselors; DeQueen/Mena Education Cooperative, Gillham, AR
- October 26, 2011 – Earthquake Awareness and Preparedness Presentation to primary and secondary school counselors; Western Education Cooperative, Branch, AR
- October 27, 2011 – Earthquake Awareness and Preparedness Presentation to primary and secondary school counselors; North Central Education Cooperative, Melbourne, AR
- October 28, 2011 – Earthquake Awareness and Preparedness Presentation to primary and secondary school counselors; O.U.R. Education Cooperative, Harrison, AR
- November 2, 2011 – Earthquake Awareness and Preparedness Presentation to primary and secondary school counselors; Northwest Education Cooperative, Farmington, AR

- F. Recommendation for Improvement: Due in large part to the efforts put forward by the administrators of this earthquake program, in conjunction with the Central United States Earthquake Consortium and the Federal Emergency Management Agency, many Arkansas citizens have become aware of the potential threat posed by the New Madrid Fault system to the north eastern portion of the state. However, there is still room for improvement in the area of general citizen awareness of the earthquake risk as it pertains to the entire state. It is therefore recommended that a continued emphasis be placed on citizen education through initiatives and programs aimed at primary and secondary schools and the general public.

